EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|------------------------------|-----------|---------------------|---------|------------|
| 7 | 298 | (US-20070160726-\$ or US | US-PGPUB; | OR | ON | 2008/10/10 |
| | | 20020051810-\$ or US- | USPAT | | | 14:04 |
| | | 20040043057-\$ or US- | | | | |
| | | 20040198807-\$ or US- | | | | |
| | | 20040213881-\$ or US- | | | | |
| | | 20080113077-\$ or US- | | | | |
| | | 20080166451-\$ or US- | | | | |
| | | 20020022062-\$ or US- | | | | |
| | | 20020187239-\$ or US- | | | | |
| | | 20040091589-\$ or US- | | | | |
| | | 20040105908-\$ or US- | | | | |
| | | 20050129827-\$ or US- | | | | |
| | | 20060171938-\$ or US- | | | | |
| | | 20020160067-\$ or US- | | | | |
| | | 20030003212-\$ or US- | | | | |
| | | 20040005398-\$ or US- | | | | |
| | | 20040151822-\$ or US- | | | | |
| | | 20040265452-\$ or US- | | | | |
| | | 20050003067-\$ or US- | | | | |
| | | 20050153050-\$ or US- | | | | |
| | | 20060286238-\$ or US- | | | | |
| | | 20030091690-\$ or US- | | | | |
| | | 20080227832-\$ or US- | | | | |
| | | 20030084487-\$ or US- | | | | |
| | | 20040253356-\$ or US | | | | |
| | | 20060159773-\$).did. or (US- | | | | |
| | | 20060263507-\$ or US- | | | | |

| 5853787-\$ or US-6045843-\$ or US-6066342-\$ or US-6102213-\$ | 20080038437-\$ or US- 20080102144-\$ or US- 20020119231-\$ or US- 20030087331-\$ or US- 20070281048-\$ or US- 20070248727-\$ or US- 20030175366-\$ or US- 20060018870-\$).did. or (US- 20060051489-\$ or US- 20060051489-\$ or US- 20060150268-\$ or US- 20070270497-\$ or US- 20080188563-\$ or US- 20080188563-\$ or US- 20050256195-\$).did. or (US- 5853787-\$ or US-6045843-\$ or US-6066342-\$ or US-6102213-\$ |
|---|---|
|---|---|

or US-6458392-\$ or US-7125573-\$ or US4865847-\$ or US 4857351-\$ or US-4985271-\$ or US-7033623-\$ or US-4872987-\$ or US4278696-\$ or US4317841-\$ or US-4521438-\$ or US-4798730-\$ or US-4885181-\$ or US-4976983-\$ or US-5045334-\$ or US-5336513-\$ or US-5395950-\$ or US5401858-\$ or US 5525234-\$ or US-6054162-\$ or US-6146514-\$ or US-6448474-\$ or US-6669979-\$).did. or (US-6723368-\$ or US-6727406-\$ or US-6287550-\$ or US-4409253-\$ or US-4767634-\$ or US-4031251-\$ or US-4160042-\$ or US-4364964-\$ or US-4472443-\$ or US-4481223-\$ or US-4495211-\$ or US-4963743-\$ or US-5021253-\$ or US-5034609-\$ or US-5358725-\$ or US-5702747-\$ or US5888549-\$ or US6245363-\$ or US4620850-\$ or US-6017558-\$ or US-6074631-\$ or US-6080391-\$ or US-6261565-\$ or US-6387370-\$ or US-6395279-\$ or US-6403086-\$ or US-6423747-\$).did. or (US-6428796-\$ or US-6440410-\$ or US-6461652-\$ or US-6264995-\$ or US-5194478-\$ or US-6268353-\$ or US-6299925-\$ or US-6423363-\$ or US-6426080-\$ or US-6444221-\$ or

US-6991812-\$ or US-7351436-\$ or US-6355230-\$ or US-4818549-\$ or US-4906480-\$ or US-4911940-\$ or US-5804170-\$ or US-6066311-\$ or US-6083921-\$ or US-6528053-\$ or US-7285298-\$ or US-3928633-\$ or US-4312367-\$ or US-4341811-\$ or US-4395430-\$ or US-4470421-\$ or US-4538628-\$).did. or (US-4626529-\$ or US-4626435-\$ or US-4762918-\$ or US-4904774-\$ or US-5409633-\$ or US-5464911-\$ or US-5472716-\$ or US-5676993-\$ or US-5686402-\$ or US-5714094-\$ or US-5756543-\$ or US-5766636-\$ or US-5801206-\$ or US5912219-\$ or US 6043075-\$ or US-6056984-\$ or US-6156807-\$ or US-6165518-\$ or US-6235335-\$ or US-6271289-\$ or US-6290997-\$ or US-6291006-\$ or US-6316400-\$ or US-6333180-\$ or US-6334452-\$ or US-6339107-\$ or US-6340491-\$).did. or (US-6372774-\$ or US-6379737-\$ or US-6380145-\$ or US-6403547-\$ or US-6407048-\$ or US-6413558-\$ or US-6436395-\$ or US-6448214-\$ or US-6451064-\$ or US-6458569-\$ or US-6475970-\$ or US-6495180-\$ or US-6586034-\$ or US-6720016-\$ or US-4006219-\$ or US-

4046926-\$ or US-4280830-\$ or US-4302549-\$ or US-4412984-\$ or US-4465699-\$ or US-4477434-\$ or US-5219549-\$ or US-5312557-\$ or US-5698182-\$ or US-5785988-\$ or US-6056989-\$ or US-6063391-\$).did. or (US-6066345-\$ or US-6083525-\$ or US-6083421-\$ or US-6108850-\$ or US-6432470-\$ or US-6723527-\$ or US-3924017-\$ or US-3916028-\$ or US-4479803-\$ or US-5391384-\$ or US-5928706-\$ or US-5993888-\$ or US-6042872-\$ or US-6187368-\$ or US-6277359-\$ or US-6280712-\$ or US-6303106-\$ or US-6313085-\$ or US-6316030-\$ or US-6372199-\$ or US-6416773-\$ or US-6465421-\$ or US-6468688-\$ or US-4516588-\$ or US-5788971-\$ or US-6217878-\$ or US-6245362-\$).did. or (US-6248778-\$ or US-6379729-\$ or US-H000847-\$ or US-5820905-\$ or US-5882708-\$ or US-6031118-\$ or US-6087345-\$ or US-6117475-\$ or US-6231915-\$ or US-6261663-\$ or US-6376042-\$ or US-4474791-\$ or US-5502077-\$ or US-5656667-\$ or US-5698594-\$ or US-6251905-\$ or US-6291490-\$ or US-6328979-\$ or US-6333342-\$ or US-6451826-\$ or US-4378380-

| S 2 | 2474 | (OCHIAI-RYUJ)(FUJI-AKIHIKO) (SUZUKI-ATSUSHI)(OOMINAMI- HIDEO)(SHIBUYA-YUSUKE) | US-PGPUB; USPAT; USOCR; EPO; PO; DERWENT | OR | ON | 2008/10/10 14:16 |
|------------|---------|--|---|-----|-----|---------------------|
| S3 | 1 | "2003081824" | PO | OR | OFF | 2008/12/15 09:35 |
| S4 | 21 | ((hydroxyhydroquinone)or("124" L benzenetriol)or(hydroxyquinol)or L (oxyhydrochinon)) J | | AND | OFF | 2008/12/15 09:53 |
| S 5 | 727 | coffee(chlorogenic acid) | US-PGPUB; USPAT; USOCR; EPO; PO; DERWENT | AND | OFF | 2008/12/15 09:54 |
| S6 | 86 | coffee(chlorogenic acid) (hypertension) | US-PGPUB; USPAT; USOCR; EPO; PO; DERWENT | AND | OFF | 2008/12/15 09:54 |
| S7 | 2 | ("20020192317" "6458392").PN. OR ("6894077").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/15 09:58 |
| \$8 | 9 | ("20020022062" "3068148" "4434177" "4981852" "5883086" "5932623" "5958417" "5994413").PN. OR ("6991812").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/15 09:59 |
| S9 | 6458086 | (relative retention time)(gallic) (chlorogenic) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/15 13:47 |
| S10 | 75 | (relative retention time)(gallic) (chlorogenic) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/15 13:47 |
| S1 1 | 4 | (relative adj retention adj time) (gallic)(chlorogenic) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/15 13:48 |

| S12 | 4 | (relative adj retention adj time) (gallic)(chlorogenic) | US-PGPUB; USPAT; USOCR; EPO; PO; DERWENT | AND | OFF | 2008/12/15 13:50 |
|-----|----|--|--|-----|-----|---------------------|
| S13 | 24 | (retention adj time)(gallic) (chlorogenic) | US-PGPUB; USPAT; USOCR; EPO; PO; DERWENT | AND | OFF | 2008/12/15 13:51 |
| S14 | 17 | ("2004354" "2560820" "2758929" "3398001" "3754938" "4011348" "4350711" "4504504").PN. OR ("4911940").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/15 15:01 |
| S15 | 47 | ((chlorogenic)or (monocaffeoylquinic acid) or (feruloylquinic acid)or (dicaffeoylquinic acid)or (monocaffeoylquinic acid)or ("3"\$caffeoylquinic acid)or ("4"\$caffeoylquinic acid)or ("5"\$feruloylquinic acid)or (feruloylquinic acid)or ("5"\$feruloylquinic acid)or ("5"\$feruloylquinic acid)or (dicaffeoylquinic acid)or (dicaffeoylquinic acid)or ("3,4"\$dicaffeoylquinic acid) or ("4,5"\$dicaffeoylquinic acid) or ("4,5"\$dicaffeoylquinic acid)) ((hydroxyhydroquinone)or("124" benzenetriol)or(hydroxyquinol)or (oxyhydrochinon)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | OFF | 2008/12/15 15:07 |

| S16 | 50 | ("2430663" "3519384" "4127503" "4166807" "4192773" "4230595").PN. OR ("4366179").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/16 08:46 |
|------|-----|--|--|-----|-----|---------------------|
| S17 | 436 | (packag\$4)((liquid coffee)or (coffee beverage)or(coffee drink)) (oxygen impermeable) | US-PGPUB; USPAT; USOCR; EPO; "PO; DERWENT | AND | OFF | 2008/12/16 09:20 |
| S18 | 96 | ("426".clas.)(packag\$4)((liquid coffee)or(coffee beverage)or (coffee drink))(oxygen impermeable) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/16 09:21 |
| S19 | 87 | ("426".clas.)(packag\$4)(liquid coffee)(oxygen impermeable) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/16 09:38 |
| \$20 | 96 | ("426".clas.)((packag\$4)or(bottle) or(jar))((liquid coffee)or(coffee beverage)or(coffee drink))(oxygen impermeable) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/16 09:49 |
| \$21 | 104 | ("426".clas.)((packag\$4)or(bottle) or(jar)or(container))((liquid coffee) or(coffee beverage)or(coffee drink))(oxygen impermeable) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/16 09:50 |
| \$22 | 104 | ("426".clas.)((packag\$4)or(bottle) or(jar)or(container))((liquid coffee) or(coffee beverage)or(coffee drink) or(ready to drink coffee))(oxygen impermeable) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/16 09:51 |
| \$23 | 576 | ("426".clas.)((packag\$4)or(bottle) or(jar)or(container))((liquid)or (beverage)or(drink)or(ready to drink))(oxygen impermeable) | USPGPUB; USPAT; USOCR | AND | OFF | 2008/12/16 09:55 |

| \$24 | 142 | ("426".clas.)((packag\$4)or(bottle) or(jar)or(container))((beverage)or (drink)or(ready to drink))(oxygen impermeable) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/16 09:59 |
|------|-------|---|--|-----|-----|---------------------|
| \$25 | 0 | EP-A-433097 | EPO | OR | OFF | 2008/12/16 10:30 |
| \$26 | 1 | "433097" | EPO | OR | OFF | 2008/12/16 10:30 |
| \$27 | 0 | "354952" | EPO | OR | OFF | 2008/12/16 11:08 |
| \$28 | 0 | <u>"354942"</u> | EPO . | OR | OFF | 2008/12/16 11:08 |
| \$29 | 23 | "354942" | EPO; DERWENT | OR | OFF | 2008/12/16 11:08 |
| S30 | 0 | "UK354942" | EPO; DERWENT | OR | OFF | 2008/12/16 11:08 |
| S31 | 48571 | (coffee)(activated adj carbon) (polyphoneol) | EPO; DERWENT | OR | OFF | 2008/12/16 11:09 |
| S33 | 30 | (coffee)(activated adj carbon) (polyphenol) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | OFF | 2008/12/16 11:09 |
| \$34 | 8 | (coffee)(activated adj carbon) (hydroxyhydroquinone) | US-PGPUB; USPAT; USOCR; EPO; "PO; DERWENT | AND | OFF | 2008/12/16 12:00 |
| \$35 | 19 | (activated adj carbon) (hydroxyhydroquinone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | OFF | 2008/12/16 12:00 |

| S36 | 8 | "5558742" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/17 12:07 |
|------|------|--|---------------------------|------|-----|---------------------|
| \$37 | 10 | ("4127190" "4488828" "5152690" "5336458").PN. OR ("5558742").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/17 12:12 |
| S38 | 0 | ("426." "clas.")((instant adj coffee) or(soluble adj coffee)) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/17 12:32 |
| S39 | 1296 | ("426".CLAS.)((instant adj coffee)or (soluble adj coffee)) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/17 12:33 |
| S40 | 83 | ("426/595.Ccls.)((instant adj coffee)or(soluble adj coffee)) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/12/17 12:34 |
| S41 | 0 | (food.ab.)("label.ab") | US-PGPUB; USPAT; USOCR | WITH | OFF | 2008/12/17 17:04 |
| S42 | 0 | (food.ab.)("label.ab.") | US-PGPUB; USPAT; USOCR | WITH | OFF | 2008/12/17 17:04 |
| S43 | 71 | (food.ab.)(label.ab.) | US-PGPUB; USPAT; USOCR | WITH | OFF | 2008/12/17 17:04 |
| S44 | 61 | (medication.ab.)(label.ab.) | US-PGPUB; USPAT; USOCR | WITH | OFF | 2008/12/17 17:12 |
| S45 | 51 | (pharmaceutical.ab.)(label.ab.) | US-PGPUB; USPAT; USOCR | WITH | OFF | 2008/12/17 17:13 |
| S46 | 5 | "1,716,758" | EPO; JPO; DERWENT | OR | ON | 2009/07/09 09:16 |
| S47 | 334 | (pore adj size)(coffee)(toxic) | US-PGPUB; USPAT; USOCR | AND | ON | 2009/07/09 09:37 |
| S48 | 0 | (pore adj size)(coffee)(toxic) | US-PGPUB; USPAT; USOCR | NEAR | ON | 2009/07/09 09:37 |
| S49 | 1 | (pore adj size)(coffee)(toxic) | US-PGPUB; USPAT; USOCR | WITH | ON | 2009/07/09 09:37 |

| S50 | 3 | (pore adj size)(coffee)(toxic) | US-PGPUB; USPAT; USOCR | SAME | ON | 2009/07/09 09:37 |
|-----|------|--|--|------|-----|---------------------|
| S51 | 22 | coffee(chlorogenic acid) ((hydroxyhydroquinone)or("124" benzenetriol)or(hydroxyquinol)or (oxyhydrochinon)) | EPO; JPO; DERWENT | AND | OFF | 2009/07/09 09:42 |
| S52 | 3 | (coffee)(activated adj carbon) (polyphenol) | EPO; DERWENT | AND | OFF | 2009/07/09 09:42 |
| S53 | 22 | "315434" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/09 10:50 |
| S54 | 28 | "315434" | EPO; JPO; DERWENT | OR | ON | 2009/07/09 10:50 |
| S55 | 1 | "6315434" | EPO; JPO; DERWENT | OR | ON | 2009/07/09 10:50 |
| S56 | 27 | "315434" | JPO; DERWENT | OR | ON | 2009/07/09 10:50 |
| S57 | 17 | (coffee)(coconut) | PO | AND | ON | 2009/07/09 10:51 |
| S58 | 53 | ((chlorogenic)adj(acid)) ((hydroxyhydroquinone)or("124" benzenetriol)or(hydroxyquinol)or (oxyhydrochinon)) | US-PGPUB; USPAT; USOCR; EPO; "PO; DERWENT | AND | OFF | 2009/12/10 10:49 |
| S59 | 53 | ((chlorogenic)adj(acid)) ((hydroxyhydroquinone)or (benzenetriol)or(hydroxyquinol)or (oxyhydrochinon)or (Oxyhydroquinone)) | USPGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | OFF | 2009/12/10 10:52 |
| S60 | 1127 | (remov\$5)((hydroxyhydroquinone) or(benzenetriol)or(hydroxyquinol) or(oxyhydrochinon)or (Oxyhydroquinone)) | 4 | AND | OFF | 2009/12/10 10:52 |

| S61 | 6 | (remov\$5)((hydroxyhydroquinone) or(benzenetriol)or(hydroxyquinol) or(oxyhydrochinon)or (Oxyhydroquinone)) | | NEAR | OFF | 2009/12/10 10:52 |
|-----------------|------|--|---|------|-----|---------------------|
| S62 | 31 | (remov\$5)((hydroxyhydroquinone) or(benzenetriol)or(hydroxyquinol) or(oxyhydrochinon)or (Oxyhydroquinone)) | | WITH | OFF | 2009/12/10 10:52 |
| S63 | 13 | , \ // | USPGPUB; USPAT; USOCR; EPO; PO; DERWENT | WITH | OFF | 2009/12/10 10:55 |
| \$64 | 1 | i . | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/10 12:27 |
| S 65 | 0 | ("2004/0005398"). URPN. | USPAT | OR | ON | 2009/12/10 12:28 |
| S66 | 1999 | , , , , , , , , , , , , , , , , , , , | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/10 12:28 |
| S 67 | 70 | , | US-PGPUB; USPAT; USOCR | AND | ON | 2009/12/10 12:28 |
| S68 | 2 | , | US-PGPUB; USPAT; USOCR | AND | ON | 2009/12/10 12:29 |
| S69 | 3 | (11) | US-PGPUB; USPAT; USOCR | AND | ON | 2009/12/10 12:29 |
| S70 | 3 | , | US-PGPUB; USPAT; USOCR | AND | ON | 2009/12/10 12:30 |
| S71 | 12 | near(coffee)))(coffee) (hydroxyhydroquinone) | USPGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2009/12/10 12:30 |

| S72 | 91 | (((instant)adj(coffee))or((soluble) near(coffee)))(chlorogenic) | US-PGPUB; USPAT; USOCR | AND | ON | 2009/12/10 12:32 |
|-----|-----|--|--|-----|----|---------------------|
| S73 | 12 | (((instant)adj(coffee))or((soluble) near(coffee)))(coffee) ((hydroxyhydroquinone)or(HHQ)) | US-PGPUB; USPAT; USOCR; EPO; PO; DERWENT | AND | ON | 2009/12/10 13:38 |
| S74 | 14 | (((instant)adj(coffee))or((soluble) near(coffee)))(coffee) ((hydroxyhydroquinone)or(HHQ)or (benzenetriol)or(hydroxyquinol)or (oxyhydroquinon)or (Oxyhydroquinone)) | US-PGPUB; USPAT; USOCR; EPO; "PO; DERWENT | AND | ON | 2009/12/10 13:39 |
| S75 | 67 | (coffee)((hydroxyhydroquinone)or (HHQ)or(benzenetriol)or (hydroxyquinol)or (oxyhydrochinon)or (Oxyhydroquinone)) | US-PGPUB; USPAT; USOCR; EPO; PO; DERWENT | AND | ON | 2009/12/10 13:42 |
| S76 | 0 | hydroxyhyrdoquinone | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/19 12:00 |
| S77 | 505 | hydroxyhydroquinone | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/19 12:00 |
| S78 | 11 | ("426".clas.)hydroxyhydroquinone | US-PGPUB; USPAT; USOCR | AND | ON | 2010/08/19 12:00 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------------|------|---------------|-----------------------|------------------|---------|------------------|
| S79 | 580 | 426/422.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/12/19 10:36 |
| S80 | 258 | 426/595.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/12/19 10:38 |
| S81 | 679 | 426/594.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/12/19 11:28 |
| S 82 | 1211 | 426/106.ccls. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/12/19 11:28 |

12/19/2011 11:31:34 AM

 $\textbf{C:} \ \, \textbf{Documents and Settings: fking: My Documents: EAST: Workspaces: 10586609 \ \, \textbf{Coffee Drink Composition.} } \\ \text{wsp}$